



October 12, 2021

United States Environmental Protection Agency  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW  
Atlanta, Georgia 30303-8960

Attention: Mr. Wesley Hardegree  
Environmental Engineer

Re: **Quarterly Progress Report #36 July-September 2021**  
**Bluestone Coke, LLC**  
**4200 F. L. Shuttlesworth Drive**  
**Birmingham, Jefferson County, Alabama**  
**USEPA ID No. ALD 000 828 848**  
Terracon Project No. E1127096

Dear Mr. Hardegree:

On behalf of Bluestone Coke, LLC (Bluestone Coke), Terracon Consultants, Inc. (Terracon) has prepared Quarterly Progress Report #36 for the work completed from July 1, 2021 to September 30, 2021 for the above-referenced site. This progress report has been prepared in accordance with paragraph 53 of the Order on Consent with effective date of August 1, 2016.

### **PROGRESS REPORT (JULY 1, 2021 THROUGH SEPTEMBER 30, 2021)**

#### **Corrective Measures Implementation**

##### SMA 3

- Preparing a revised CMS for SMA-3 based on the comments received from EPA on April 7, 2021. Terracon and Bluestone Coke requested a 30-day extension to submit the revised CMS for SMA 3. EPA approved the 30-day extension.

##### SMA 4

- We are in the process of scheduling the second injection event for the Pilot Test

#### **Interim Measures**

- Hydraulic Control System was shut down during this period due to the Pilot Test. The pumping may interfere with the injected chemicals. The hydraulic control system will remain off during the pilot study.
- The 2021 IM Report was submitted to EPA on August 30, 2021.

**Quarterly Progress Report #36 July-September 2021**

Bluestone Coke ■ Birmingham, Alabama

October 12, 2021 ■ Terracon Project No. E1127096



- Groundwater level measurements and groundwater samples were collected from the monitoring wells on August 30, 31, and September 1, 2021. These results will be reported to EPA in the next Annual Report which is due by August 30, 2022.

**PROJECTED WORK FOR NEXT REPORTING PERIOD (OCTOBER 1, 2021 THROUGH DECEMBER 31, 2021)**

**Corrective Measures Implementation**

**SMA 3**

The revised CMS for SMA 3 is due to EPA on October 21, 2021.

**SMA 4**

The start of the second ISCO injection is expected this quarter. We will update EPA as to the exact date once it is scheduled.

**Interim Measures/Remediating Monitoring**

- Collect groundwater samples in November 2021. Annual Report completed by August 30, 2022.

**CLOSING**

If you should have any questions, please do not hesitate to contact us at (205) 942-1289.

Sincerely,

**Terracon**

A handwritten signature in black ink, reading "Terrell W. Rippstein". The signature is written in a cursive style with a long, sweeping underline.

Terrell W. Rippstein, AL-PG#8

Principal Geologist

Cc: Meredith Anderson – EPA Region 4  
Mr. Don Wiggins – Bluestone Coke  
ADEM